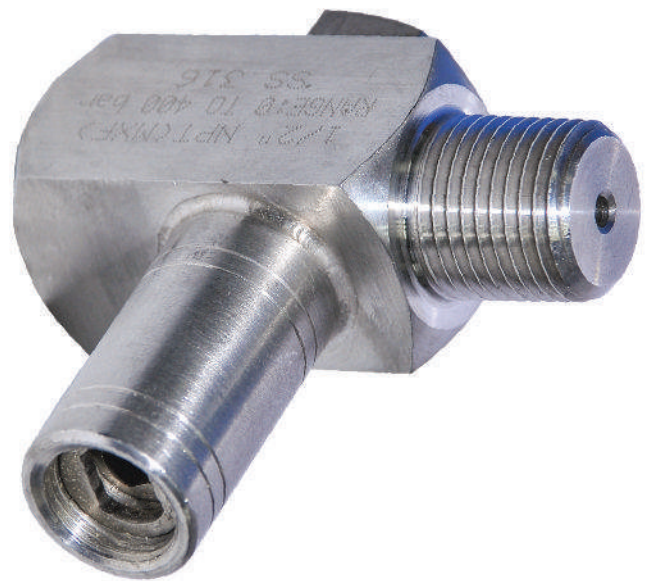


Gauge Saver (GS)

When a pressure gauge is subjected to rapid pressure fluctuations, which make the gauge difficult to read because of rapid pointer movements, a Gauge Saver is used. Such a device reduces the impact of pressure, slows the speed and range of pointer movements, and extends the life of the gauge. The saver onto a gauge socket and provides restriction by means of a moving pin, which may be placed in any of five different sized holes, thus allowing the user to vary the amount of dampening to suit requirements. The pulsating pressure moves the pin up and down, providing a self-cleaning action.

The piston type Gauge Saver or high pressure protector consists of a spring loaded piston valve. Under normal pressure conditions, the spring holds the valve open. When the system pressure exceeds the set pressure, the force exerted by the spring overcomes the pressure and the valve closes. The valve will remain closed until the system pressure drops, whereupon the force of the spring opens the valve. This safeguards gauges, pressure instruments, etc. and blocks the higher pressure from exceeding the allowed value, until it returns to normal.



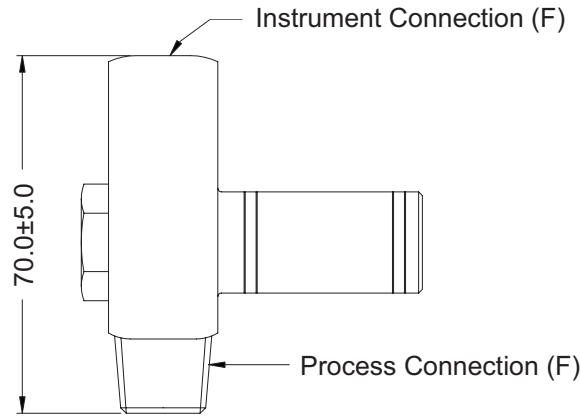
Special Features

- Design with various pressure connections
- Seven different selectable setting ranges
- Bellow and piston type models
- Over pressure upto 600 kg/cm²
- Higher operating temperature upto +130 °C

Industrial Applications

- Mechanical engineering and plant construction
- Chemical/petro-chemical
- Power stations
- Mining
- On and offshore
- Environmental technology

Dimensional Drawing



Ordering Information

GS * ** * * * * * * *

Type

Standard screw type (Piston type)	2
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Range

AB	0 + 0.6	0 + 0.6
AC	0 + 1	0 + 1
AD	0 + 1.6	0 + 1.6
AE	0 + 2.5	0 + 2.5
AF	0 + 4	0 + 4
AG	0 + 6	0 + 6
AH	0 + 10	0 + 10
AI	0 + 16	0 + 16
AJ	0 + 25	0 + 25
AK	0 + 40	0 + 40
AL	0 + 60	0 + 60
AM	0 + 100	0 + 100
AN	0 + 160	0 + 160
AO	0 + 250	0 + 250
AP	0 + 400	0 + 400
AQ	0 + 600	0 + 600
C1	0 + 210	0 + 210

Engineering units

Kg/cm ²	A
Bar	B

Instrument Connection Size

M20 x 1.5P	1
1/4"	A
3/8"	B
1/2"	C

Tests and Certificates

IBR	I
NACE	N
Third party inspection	T
Not applicable	A
Special requirement – please specify	

Material of Construction

SS 316	I
SS 316L	L
SS 304	S

Process Connection Type

NPT(M)	A
BSP(M)	B
BSPT(M)	C
Metric thread(M)	M

Process Connection Size

M20 x 1.5P	1
1/4"	A
3/8"	B
1/2"	C

Instrument Connection Type

NPT(F)	D
BSP(F)	E
BSPT(F)	F
Metric thread(F)	T

Ordering example : GS1AEACDCASA (standard selection)



Forbes Marshall
Krohne Marshall
Forbes Marshall Arca
Codel International
Forbes Solar
Forbes Vyncke
Forbes Marshall Steam Systems

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